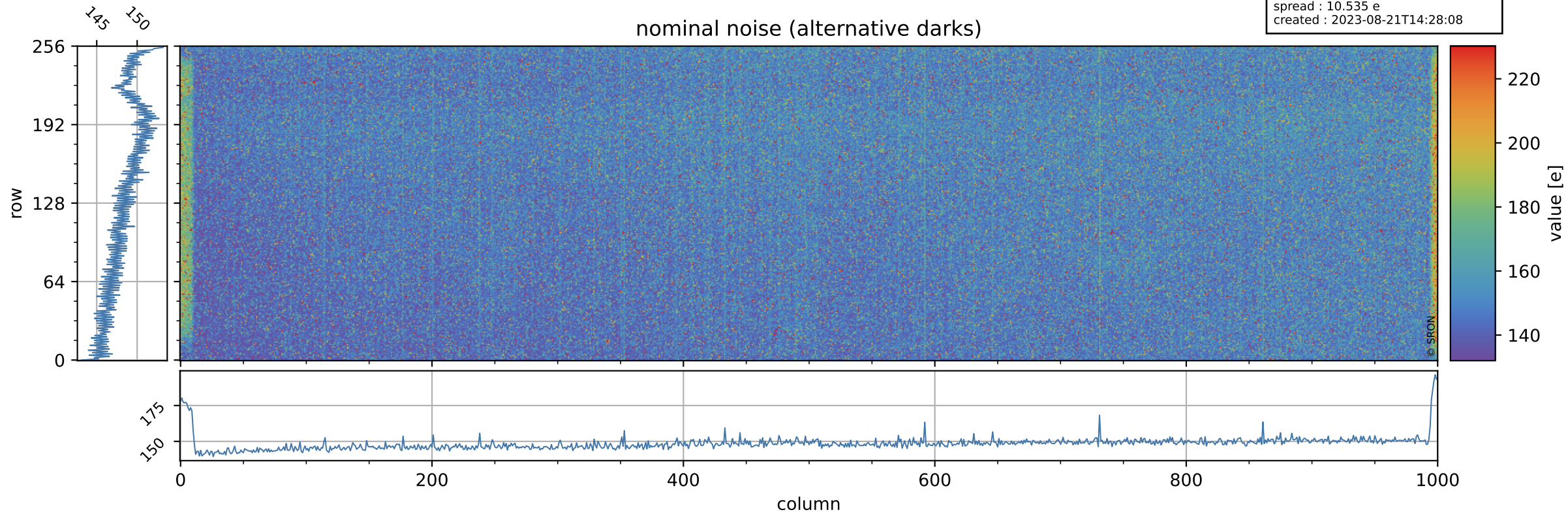


Tropomi SWIR background noise (swir)

orbits : 12 in [4357, 4432]
coverage : 2018-08-15 / 2018-08-21
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.535 e
created : 2023-08-21T14:28:08

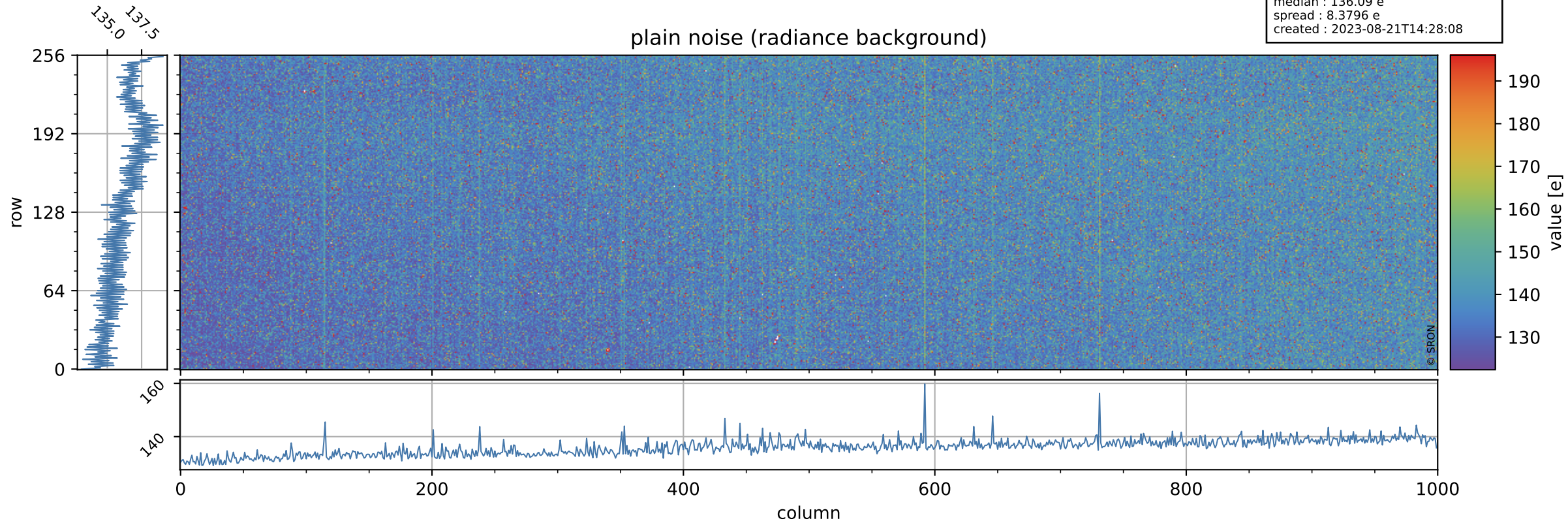
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4357, 4432]
coverage : 2018-08-15 / 2018-08-21
n_coad, t_exp : 2, 0.5383
median : 136.09 e
spread : 8.3796 e
created : 2023-08-21T14:28:08

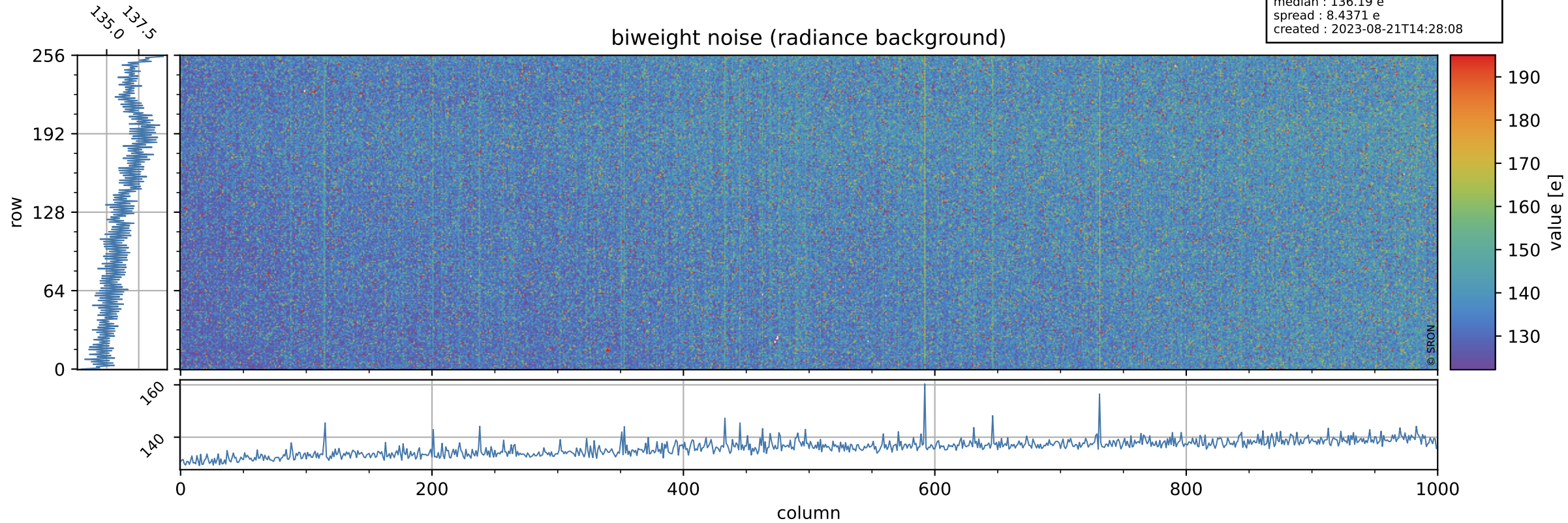
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4357, 4432]
coverage : 2018-08-15 / 2018-08-21
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.4371 e
created : 2023-08-21T14:28:08

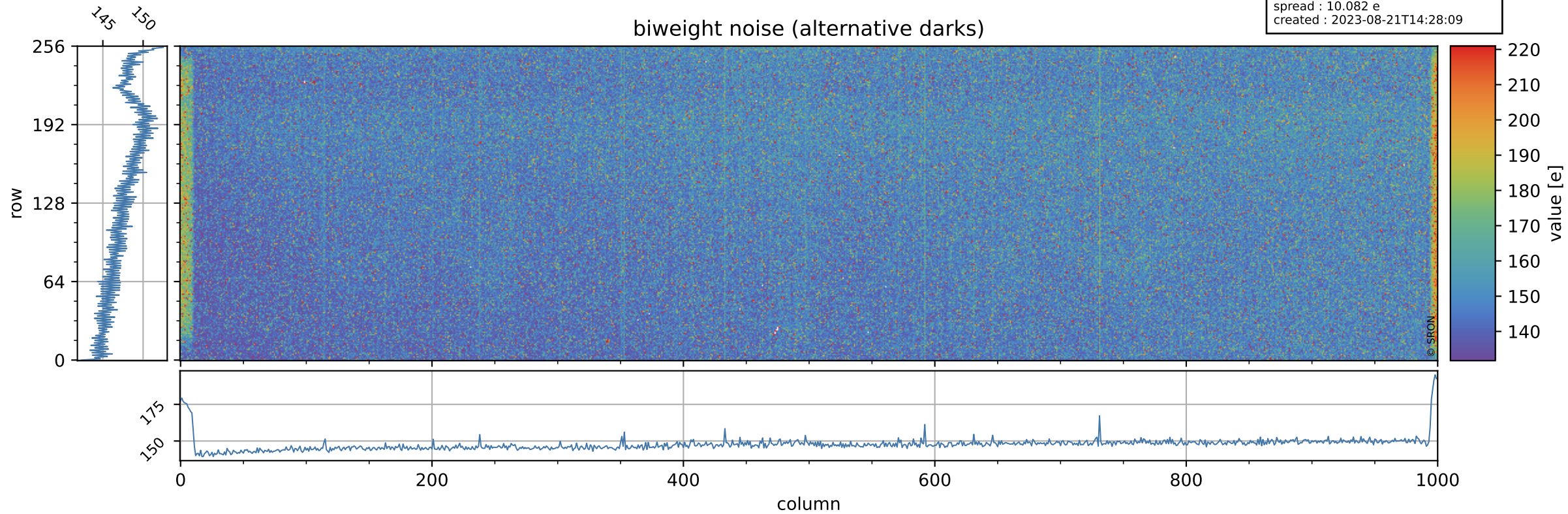
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4357, 4432]
coverage : 2018-08-15 / 2018-08-21
n_coad, t_exp : 1, 1.0783
median : 147.49 e
spread : 10.082 e
created : 2023-08-21T14:28:09

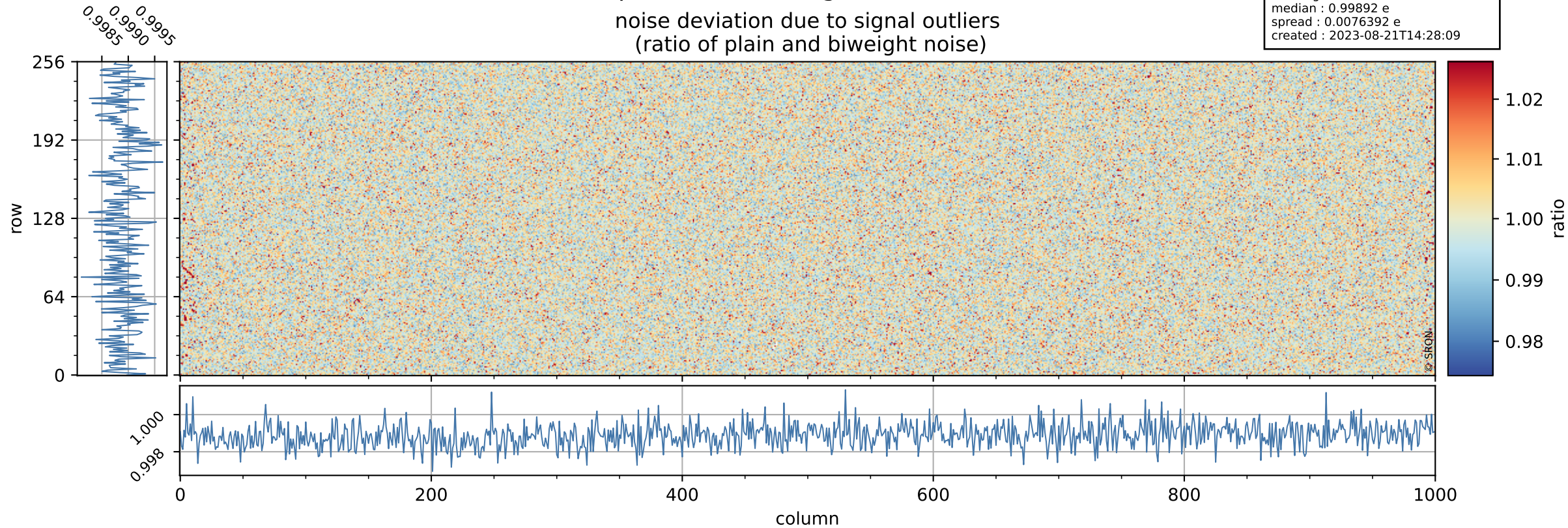
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

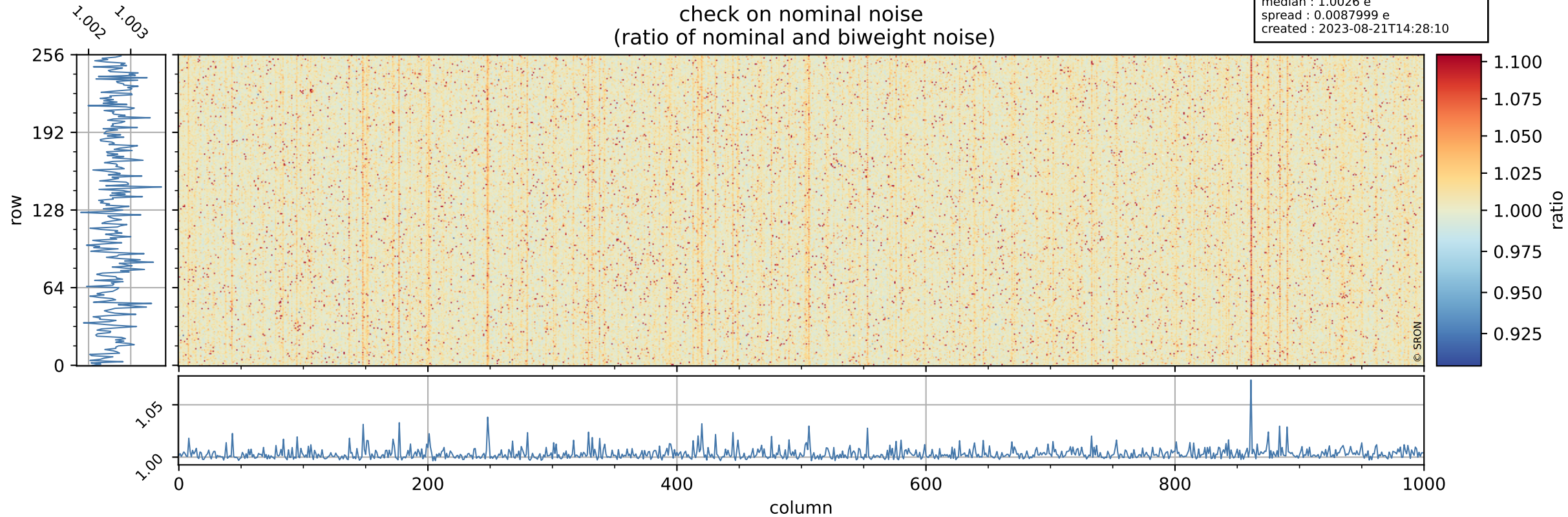
orbits : 12 in [4357, 4432]
coverage : 2018-08-15 / 2018-08-21
median : 0.99892 e
spread : 0.0076392 e
created : 2023-08-21T14:28:09



Tropomi SWIR background noise (swir)

check on nominal noise
(ratio of nominal and biweight noise)

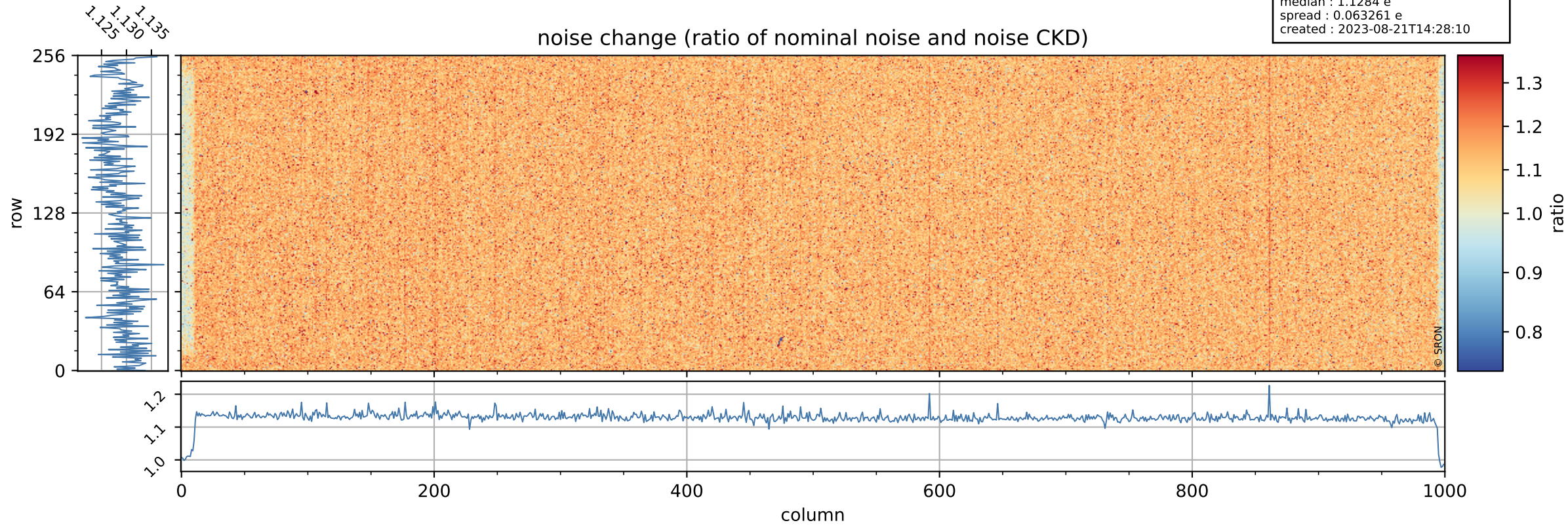
orbits : 12 in [4357, 4432]
coverage : 2018-08-15 / 2018-08-21
median : 1.0026 e
spread : 0.0087999 e
created : 2023-08-21T14:28:10



Tropomi SWIR background noise (swir)

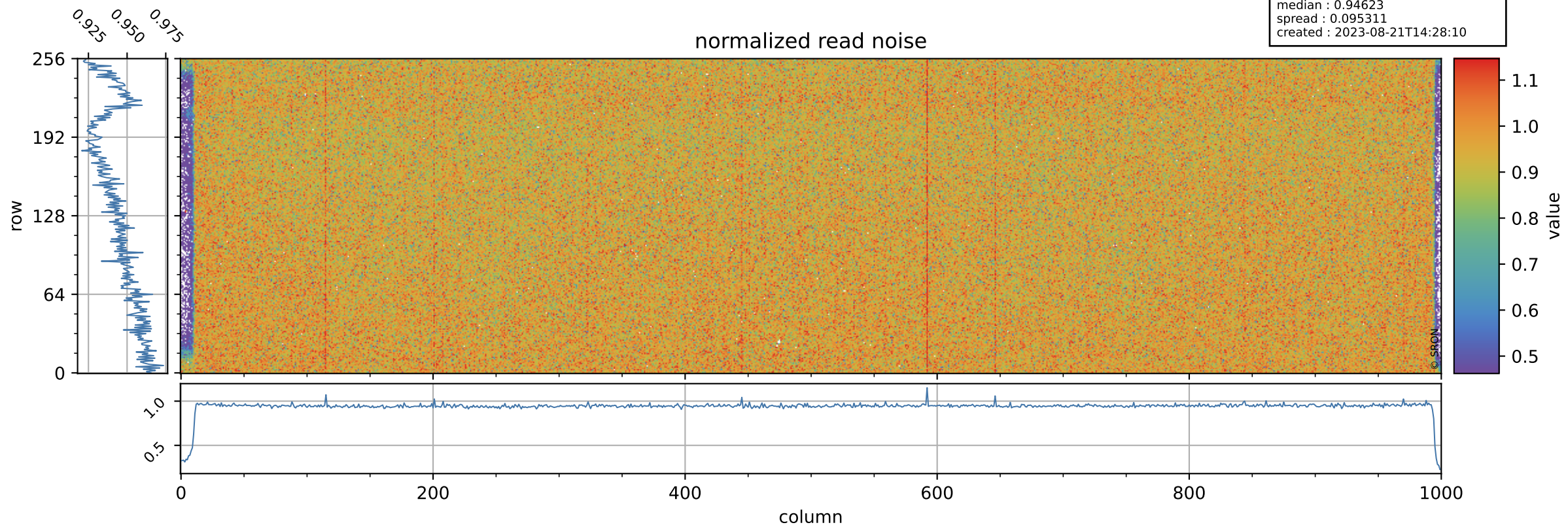
orbits : 12 in [4357, 4432]
coverage : 2018-08-15 / 2018-08-21
median : 1.1284 e
spread : 0.063261 e
created : 2023-08-21T14:28:10

noise change (ratio of nominal noise and noise CKD)



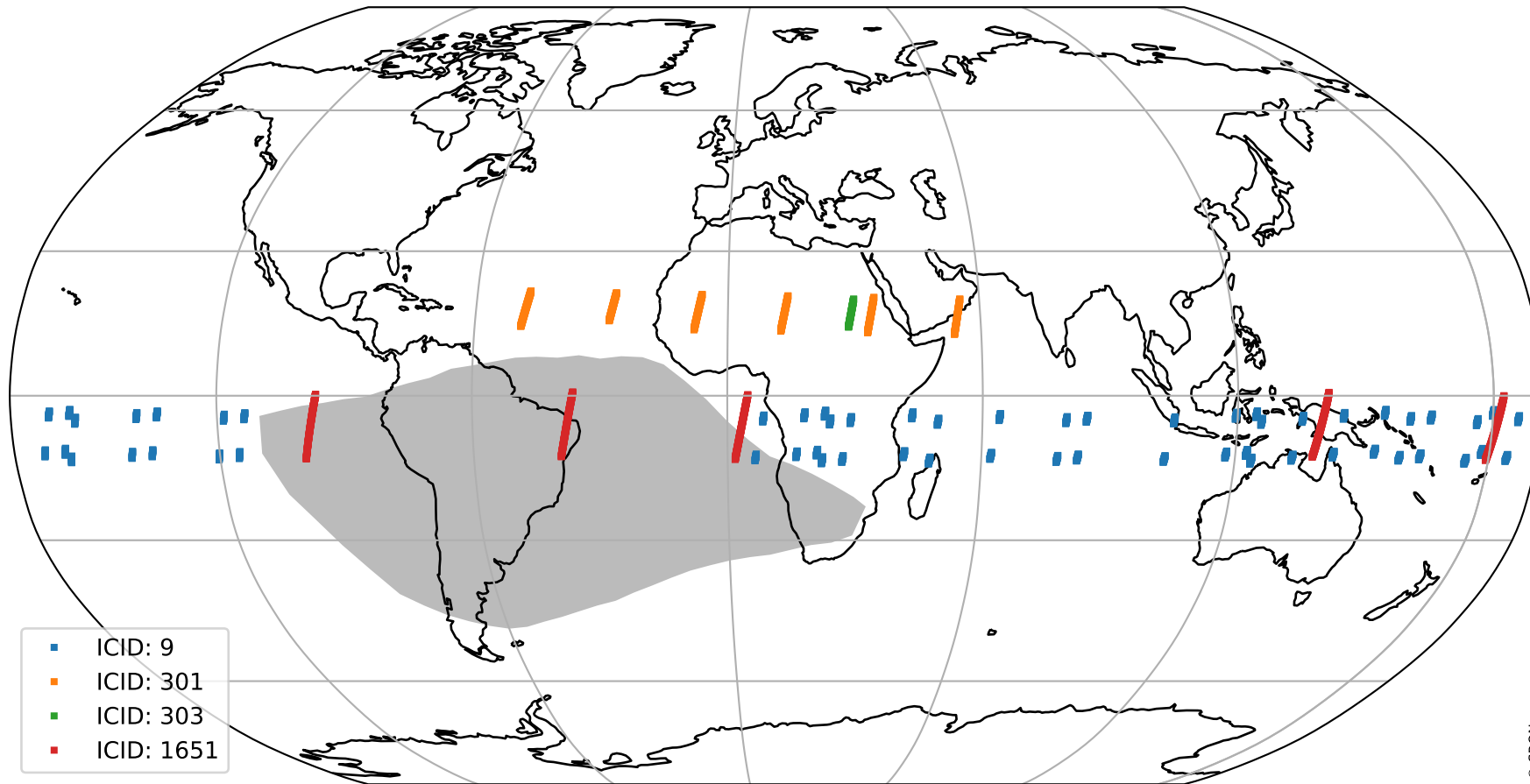
Tropomi SWIR background noise (swir)

orbits : 12 in [4357, 4432]
coverage : 2018-08-15 / 2018-08-21
median : 0.94623
spread : 0.095311
created : 2023-08-21T14:28:10



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

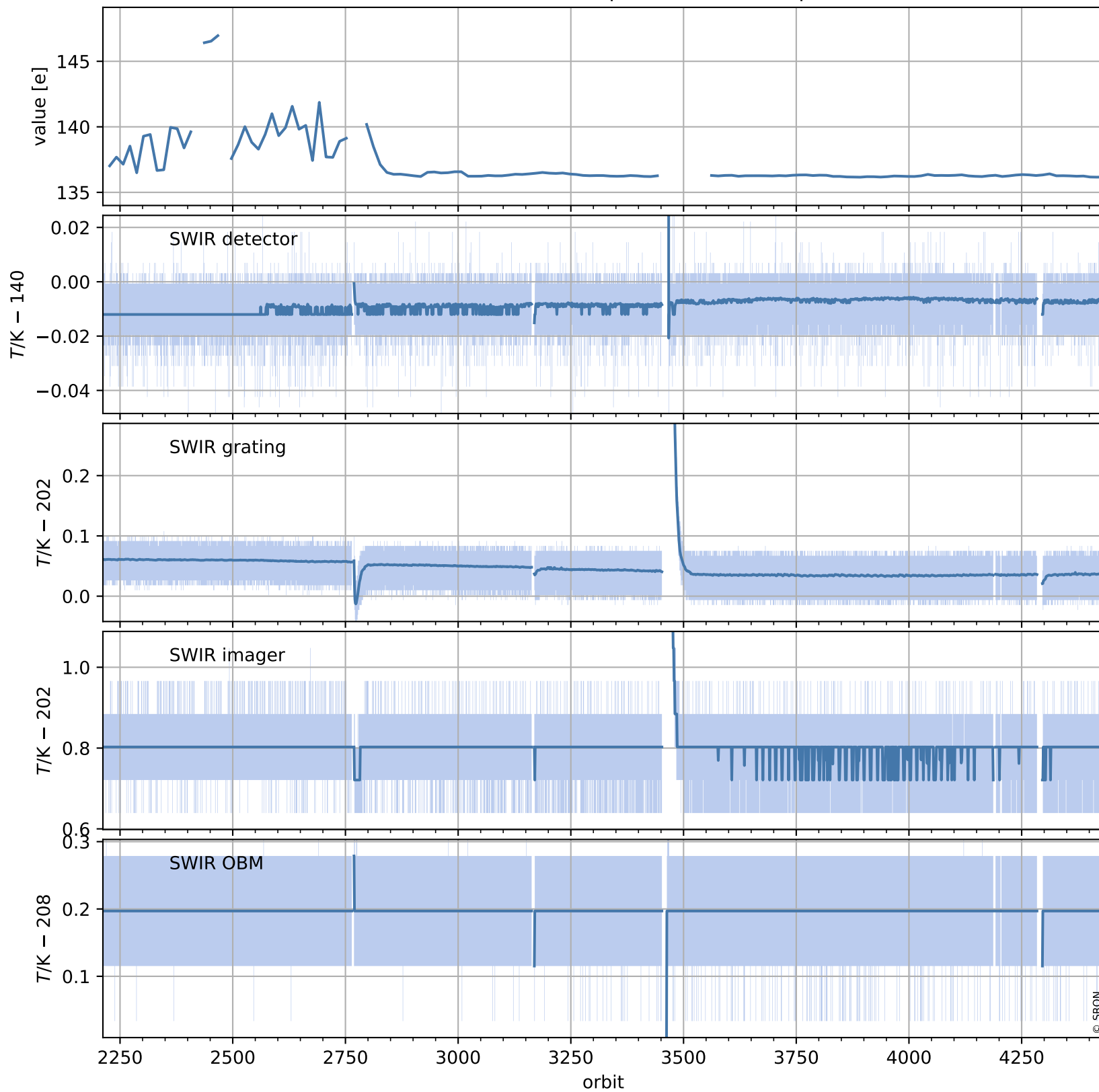
orbits : 12 in [4357, 4432]
coverage : 2018-08-15 / 2018-08-21
created : 2023-08-21T14:28:11



Tropomi SWIR background noise (swir)

orbits : [2212, 4432]
coverage : 2018-03-18 / 2018-08-21
created : 2023-08-21T14:28:11

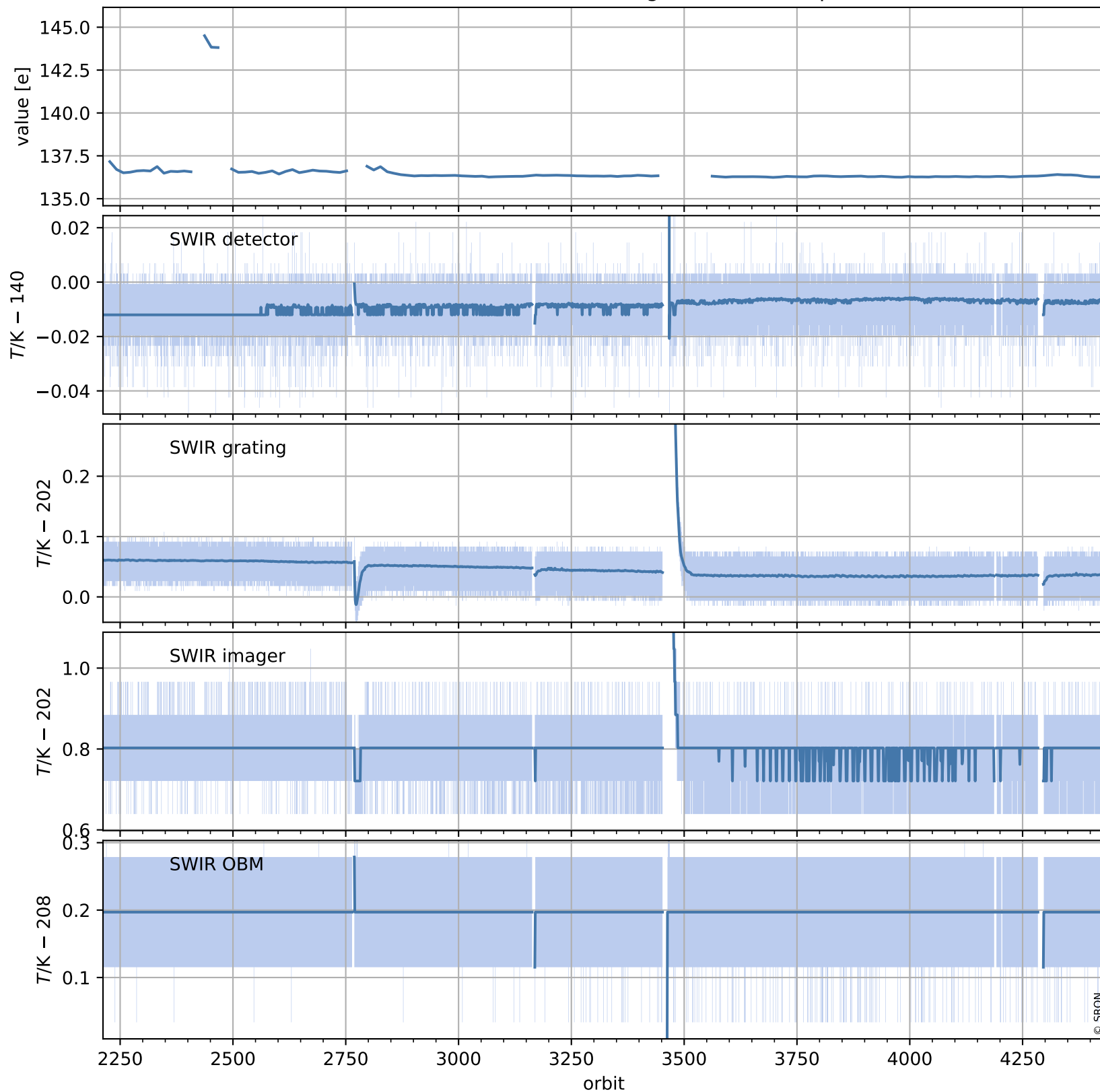
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4432]
coverage : 2018-03-18 / 2018-08-21
created : 2023-08-21T14:28:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4432]
coverage : 2018-03-18 / 2018-08-21
created : 2023-08-21T14:28:13

trend of normalized read-noise & temperatures

